

MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE

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| PRODUCT IDENTIFIER: ULTRA MELT ICE MELTER | | | PRODUCT IDENTIFICATION NUMBER (PIN): |
| PRODUCT USE: MELTS, DISSOLVES, LOWERS FREEZING POINT OF WATER | | | |
| MANUFACTURE'S NAME: TORONTO SALT & CHEMICALS LTD. | | SUPPLIER'S NAME: TORONTO SALT & CHEMICALS LTD. | |
| STREET ADDRESS: 275 GLIDDEN ROAD | | STREET ADDRESS: 275 GLIDDEN ROAD | |
| CITY: BRAMPTON | PROVINCE: ONTARIO | CITY: BRAMPTON | PROVINCE: ONTARIO |
| POSTAL CODE: L6W 1H9 | EMERGENCY TELEPHONE NO.: 905-459-9647 | POSTAL CODE: L6W 1H9 | EMERGENCY TELEPHONE NO.: 905-459-9647 |

SECTION 2--HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | CAS NUMBER | EXPOSURE LIMITS | LC ₅₀ OF INGREDIENT (SPECIFY SPECIES) |
|---------------------------|------------|-------------------------|--|
| MAGNESIUM CHLORIDE | 7791 186 | ORAL, 8100 gm / kg RAT | NOT AVAILABLE |
| CALCIUM CHLORIDE | 10043 52 4 | ORAL, 1000 mg / kg RAT | NOT AVAILABLE |
| UREA | 57 13 6 | ORAL, 14300 gm / kg RAT | NOT AVAILABLE |
| SODIUM CHLORIDE | 7647 14 5 | ORAL, 3000 gm / kg RAT | NOT AVAILABLE |
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SECTION 3--PHYSICAL DATA

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| PHYSICAL STATE: SOLID | ODOUR AND APPEARANCE: ODOURLESS - LIGHT GREEN | | | ODOUR THRESHOLD (PPM) NOT APPLICABLE |
| VAPOUR PRESSURE (mm Hg) NOT APPLICABLE | VAPOUR DENSITY (AIR=1): NOT APPLICABLE | EVAPORATION RATE: NOT APPLICABLE | BOILING POINT: NOT APPLICABLE | FREEZING POINT (C): NOT APPLICABLE |
| pH: NOT APPLICABLE | SPECIFIC GRAVITY: NOT APPLICABLE | COEFF. WATER/OIL DISTR: NOT APPLICABLE | | |

SECTION 4--FIRE AND EXPLOSION DATA

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| FLAMMABILITY: YES: NO: X IF YES, UNDER WHICH CONDITIONS | | |
| MEANS OF EXTINCTION: NOT APPLICABLE | | |
| FLASHPOINT (C) AND METHOD: NOT APPLICABLE | UPPER FLAMMABLE LIMIT (% BY VOLUME): NOT APPLICABLE | LOWER FLAMMABLE LIMIT (% BY VOLUME): NOT APPLICABLE |
| AUTOIGNITION TEMPERATURE (C): NOT APPLICABLE | HAZARDOUS COMBUSTION PRODUCTS: NOT APPLICABLE | |
| EXPLOSION DATA: NOT APPLICABLE | SENSITIVITY TO IMPACT: NOT APPLICABLE | SENSITIVITY TO STATIC DISCHARGE: NOT SENSITIVE |

SECTION 5--REACTIVITY DATA

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| CHEMICAL STABILITY YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? |
| INCOMPATIBILITY WITH OTHER SUBSTANCES YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> IF SO, WHICH ONES?: CONTACT WITH LITHIUM / BROMINE TRIFLOURIDE, CONTACT WITH STRONG ACIDS OXIDIZING AGENTS. |
| REACTIVITY, AND UNDER WHAT CONDITIONS: NOT APPLICABLE |
| HAZARDOUS DECOMPOSITION PRODUCTS: HLC,SODIUM OXIDES, CL2 |

SECTION 6--TOXICOLOGICAL PROPERTIES

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| ROUTE OF ENTRY SKIN CONTACT: N/A SKIN ABSORPTION: N/A EYE CONTACT: N/A INHALATION:N/A INGESTION: N/A | | | |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT: IRRITATION, EYE REDNESS, WET SKIN RASH IRRITATION, NOSE / THROAT AND RESPIRATORY TRACK IRRITATION, INGESTION MAY CAUSE VOMITING, NAUSEA, GASTRO-INTESINAL UPSET. | | | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: SKIN, PROLONGED OR REPEATED EXSPOSURE MAY CAUSE DRYING, DEFATTING, AND DERMATITIS | | | |
| EXPOSURE LIMITS: NOT APPLICABLE | IRRITANCY OF PRODUCT: NOT HAZARDOUS BY WHMISS CRITERIA | SENSATION TO PRODUCT: NOT APPLICABLE | CARCINOGENITY: NOT APPLICABLE |
| TERATOGENICITY: NOT APPLICABLE | REPRODUCTIVE TOXICITY: NOT APPLICABLE | MUTAGENICITY: NOT APPLICABLE | SYNERGISTIC PRODUCTS: NOT APPLICABLE |

SECTION 7--PREVENTIVE MEASURES

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| PERSONAL PROTECTIVE EQUIPMENT: | | |
| GLOVE(SPECIFY): NATURAL RUBBER OR PVC WORKING GLOVES | RESPIRATOR (SPECIFY): NIOSH APPROVED DUST MASK | EYE (SPECIFY): SAFETY GLASSES |
| FOOTWEAR(SPECIFY): RUBBER SOLE WORKING SHOES(BOOTS) | CLOTHING (SPECIFY): APRON, COVERALL WORKING CLOTHING | OTHER (SPECIFY): NOT APPLICABLE |
| ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): NONE REQUIRED | | |
| LEAK AND SPILL PROCEDURE: GATHER SPILL PRODUCT FOR REUSE OR DISPOSAL | | |
| WASTE DISPOSAL: DILUTE WASTE MATERIAL, MAY BE DISPOSED OF ANY NON-HAZARDOUS INORGANIC SALT, REVIEW FEDERAL, PROVINCIAL AND LOCAL GOVERNMENTS PRIOR TO DISPOSAL. | | |
| HANDLING PROCEDURES AND EQUIPMENT: KEEP AWAY FROM INCOMPACTABLE MATERIALS | | |
| STORAGE REQUIREMENTS: STORE IN A DRY AREA, KEEP UNUSED PORTION TIGHTLY CLOSED | | |
| SPECIAL SHIPPING INFORMATION: NOT APPLICABLE | | |

SECTION 8--FIRST AID MEASURES

SPECIFIC MEASURES:

SKIN - WASH WITH WATER

EYE - WASH WITH WATER FOR AT LEAST 15 MINUTES

INHALATION - REMOVE TO FRESH AIR

INGESTION - DO NOT INDUCE VOMITING, RINSE MOUTH WITH WATER, DRINK 2 TO 4 GLASSES OF WATER

CONTACT PHYSICIAN IF ANY OF THE ABOVE PERSIST.

SECTION 9--PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT):

PHONE NUMBER: **416-259-9647**

DATE: August 31, 2015

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